

## WHAT THE INVENTION CLAIMED IS

1. A pen drive for connecting to a wireless wide bandwidth local network, comprising:
  - a USB;
  - 5 at least one flash memory, having an initialization program for a wireless wide bandwidth local network module;
  - a flash memory controller;
  - a control chip, for controlling commands and figures between said pen drive and a host, and also for managing array of said flash memory and figures of module, and also
  - 10 for controlling figures required for the initialization of said wireless wide bandwidth local network module, said control chip can control said flash memory controller to enable said host to save/retrieve data or command to/from said flash memory;
  - a wireless wide bandwidth local network module, electrically connected to said host by said USB, for enabling to process a wireless network protocol to convert a digital
  - 15 protocol data signal into an analogue protocol data signal; and
  - an antenna module, for receiving or transmitting said analogue protocol data signal, wherein when said drive connects to said host through said USB, said host saves/retrieves data or command to/from said flash memory and also links to said wireless wide bandwidth local network through said wireless wide bandwidth local network module
  - 20 and said antenna module.
2. The pen drive for connecting to a wireless wide bandwidth local network according to claim 1, wherein said host is a notebook computer.

3. The pen drive for connecting to a wireless wide bandwidth local network according to claim 1, wherein said wireless network protocol is a WAP.

4. The pen drive for connecting to a wireless wide bandwidth local network according to claim 1, wherein said control chip is a 8051 single chip, having a driving program burned or recorded therein, so that when the pen drive connects to the host, the control chip controls the flash memory controller according to the command of the host to save/retrieve data (or command) to/from the flash memory.